

/MN/ 9-8-11

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	73	((first adj order) with (eigenvalue))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/08 07:14
L4	2	(stiff stiffness) with (first adj order) with (eigenvalue))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/08 07:38
L5	10	iterat\$4 with (first with order with (perturbat\$4 eigenvector eigenvalue)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/08 07:40
L6	1	"5327358".pn.	USPAT	OR	ON	2011/09/08 09:21
L7	18	("5327358").URPN.	USPAT	OR	ON	2011/09/08 09:21
L8	8	("4747309"   "4751657"   "4754763"   "4771792"   "4805457"   "4806809"   "4979125"   "5159563").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/09/08 09:23
L9	26	7 8	US-PGPUB; USPAT	OR	ON	2011/09/08 09:24
L10	174	(stiff stiff\$4) with iterat\$4	US-PGPUB; USPAT	OR	ON	2011/09/08 09:25
L11	0	9 and 10	US-PGPUB; USPAT	OR	ON	2011/09/08 09:25
L12	14	iterat\$4 with (first with order with (sensitivity perturbat\$4 eigenvector eigenvalue)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/08 09:25
L13	2	12 and 10	US-PGPUB; USPAT	OR	ON	2011/09/08 09:25
L14	0	12 and 9	US-PGPUB; USPAT	OR	ON	2011/09/08 09:26

L15	4170	((first with order with (sensitivity perturbat\$4 eigenvector eigenvalue)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/08 09:26
L16	0	15 and 9	US-PGPUB; USPAT	OR	ON	2011/09/08 09:26
L17	2	((("6526354") or ("5654820")). PN.	USPAT	OR	OFF	2011/09/08 09:57
L18	0	15 and 17	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/08 09:57
L19	0	10 and 17	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/08 09:58
S1	2	((("6526354") or ("5654820")). PN.	USPAT	OR	OFF	2011/09/07 14:16
S2	2	"10849571" 10/849571	US-PGPUB; USPAT; DERWENT	OR	ON	2011/09/07 14:27
S3	0	("2008/0294354").URPN.	USPAT	OR	ON	2011/09/07 14:30
S4	5	("2005/0072234").URPN.	USPAT	OR	ON	2011/09/07 14:30
S5	3291	702/33-36,41,54,56.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/07 14:37
S6	1363	73/581,584,598,651.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/07 14:37
S7	4632	S5 S6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/07 14:37
S8	203	S7 and @pd> ="20110303"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/07 14:38

S9	223	(Weidong with Zhu) (Guangyao with Xu) (Nengan with Zheng) (Benjamin with Emory) (Chun with Wong)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/07 14:52
S10	1080	((university with (maryland md)) umd).as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/07 14:52
S11	1301	S9 S10	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/07 14:52
S12	68	S11 and @pd> = "20110303"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/07 14:52
S13	5936	S1 S2 S4 S5 S6 S9 S10	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/07 14:56
S14	90	(stiff stiffness) with iterative	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/07 14:57
S15	4	S13 and S14	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/07 14:58
S16	170	(stiff stiffness) with iterat\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/07 14:59
S17	4	S13 and S16	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/07 14:59

S18	0	("2005/0155431").URPN.	USPAT	OR	ON	2011/09/07 15:06
S19	314	first with order with (eigenvector eigenvalue)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/07 15:15
S20	901310	inverse gradient quasi- newton	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/07 15:15
S21	2	S16 and S19 and S20	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/07 15:16
S22	2	S16 and S19	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/07 15:16
S23	975	first with order with (perturbat \$4 eigenvector eigenvalue)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/07 15:17
S24	2	S16 and S23 and S20	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/07 15:17
S25	2	S2 and S19	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/07 15:20
S26	2	S16 and S23	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/07 15:27

S27	69	S16 and S20	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/07 15:27
S28	4	("7027048").URPN.	USPAT	OR	ON	2011/09/07 15:32
S29	10	("5390127"   "6044210"   "6069634"   "6205366"   "6212486"   "6263252"   "6369815"   "6560570"   "6704693"   "6778916").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/09/07 15:33
S30	913812	sensitivity	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/07 15:36
S31	19	S16 and S30 and S20	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/07 15:36
S32	2	((stiff stiffness) with iterat\$4 with (sensitivity (first with order with (perturbat\$4 eigenvector eigenvalue))))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/07 15:38
S33	24	(sensitivity with (first with order with (perturbat\$4 eigenvector eigenvalue))))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/07 15:39
S34	2	S13 and (sensitivity with (first with order with (perturbat\$4 eigenvector eigenvalue))))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/07 15:43
S35	0	((stiff stiffness) with sensitivity with (first with order with (perturbat\$4 eigenvector eigenvalue))))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/07 15:44

S36	1148	iterat\$4 with (sensitivity (first with order with (perturbat\$4 eigenvector eigenvalue)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/07 15:45
S37	0	iterat\$4 with (sensitivity with (first with order with (perturbat\$4 eigenvector eigenvalue)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/07 15:45
S38	2	(stiff stiffness) with iterat\$4 with ((first with order with (perturbat\$4 eigenvector eigenvalue)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/07 15:45
S39	2	((stiff stiffness) with iterat\$4) and ((first with order with (perturbat\$4 eigenvector eigenvalue)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/07 16:27
S40	14	iterat\$4 with first with order with (sensitivity perturbat\$4 eigenvector eigenvalue)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/07 16:28
S41	2	(stiff stiffness) with iterat\$4 with first with order with (sensitivity perturbat\$4 eigenvector eigenvalue)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/07 16:31
S42	9	(stiff stiffness) with first with order with (sensitivity perturbat\$4 eigenvector eigenvalue)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/07 16:32
S43	9	( iterat\$4 with first with order with (sensitivity perturbat\$4 eigenvector eigenvalue)) and (gradient inverse quasi-newton)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/07 16:38
S44	4	iterat\$4 with first with order with (sensitivity eigenvector eigenvalue)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/07 16:54

S45	4	"10161270" 10/161270	US-PGPUB; USPAT	OR	ON	2011/09/07 17:04
S46	1	"5327358".pn.	USPAT	OR	ON	2011/09/07 17:32
S47	1	"5327358".pn. and (first with order)	USPAT	OR	ON	2011/09/07 17:32
S48	1	"5327358".pn. and (perturbation)	USPAT	OR	ON	2011/09/07 17:33
S49	1	"5327358".pn. and (order)	USPAT	OR	ON	2011/09/07 17:34
S50	1	"5327358".pn. and (sensitiv\$)	USPAT	OR	ON	2011/09/07 17:34
S51	3	((("20030013541") or ("7188039") or ("5327358"))). PN.	US-PGPUB; USPAT	OR	OFF	2011/09/07 21:48
S52	3	S51 and order	US-PGPUB; USPAT	OR	ON	2011/09/07 21:53
S53	2	S51 and eigenv\$	US-PGPUB; USPAT	OR	ON	2011/09/07 21:54
S54	1	("5327358").PN.	US-PGPUB; USPAT	OR	OFF	2011/09/07 22:07
S55	1	S54 and eigenvalue	USPAT	OR	ON	2011/09/07 22:08
S56	0	S54 and (eigen\$ with order)	USPAT	OR	ON	2011/09/07 22:09
S57	0	S54 and (eigen\$ same order)	USPAT	OR	ON	2011/09/07 22:09
S58	1	S54 and (order)	USPAT	OR	ON	2011/09/07 22:10
S59	1	S54 and (perturbation)	USPAT	OR	ON	2011/09/07 22:10
S60	2	(stiff stiffness) with first with order with (perturbat\$4 eigenvector eigenvalue)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/07 22:21
S61	260	(stiff stiffness) with (perturbat \$4 eigenvector eigenvalue)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/07 22:24
S62	1	S54 and S61	USPAT	OR	ON	2011/09/07 22:24
S63	8	(stiff stiffness) with order with (perturbat\$4 eigenvector eigenvalue)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/07 22:26

S64	314	first with order with (eigenvector eigenvalue)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/07 22:28
S65	2	(stiff stiffness) with first with order with (perturbat\$4 eigenvector eigenvalue)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/07 23:12
S66	4	(stiff stiffness) same ( first with order with (perturbat\$4 eigenvector eigenvalue))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/07 23:13
S67	975	( first with order with (perturbat\$4 eigenvector eigenvalue))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/07 23:16
S68	525	( (first adj order) with (perturbat\$4 eigenvector eigenvalue))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/07 23:16
S69	5	( iterat\$4 with (first adj order) with (perturbat\$4 eigenvector eigenvalue))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/07 23:17
S70	30	( (first adj order) with (perturbat\$4 eigenvector eigenvalue)) and (stiff stiffness)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/07 23:20
S71	9	(stiff stiffness) with first with order with (sensitivity perturbat\$4 eigenvector eigenvalue)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/07 23:21

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